Index of Claims



Application/Control No.

10/750,572 Examiner

Thinh T. Nguyen

Applicant(s)/Patent under Reexamination

KESHAVARZI ET AL.

Art Unit

2818

|   | <b>√</b> | Rejected | - | (Through numeral) Cancelled | N | 1 | Non-Elected  | A | Appeal   |
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| ĺ | =        | Allowed  | ÷ | Restricted                  | ı |   | Interference | 0 | Objected |

| Cla         | im       | Date   |          |              |  |  |  |                 | Claim        |          |          | Date     |          |          |                 |           |          |          |          | ]        | CI       | aim | Date     |            |  |  |           |          |          |          |           |          |          |
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|             |          |  |          |              |  | Γ  |  |                 | Г            |          |          | П        | JE.      |          |                 |           |          | $\neg$   | П        | $\Box$   |          | 1   |          |            |  |  |           |          |          |          |           |          |          |
| Final       | Original |  |          |              |  | l  |  |                 | l            | Ιİ       | 100      | <u> </u> | Original |          |                 |           | ļ        |          |          | - 1      |          |     | Final    | Original   |  |  |           |          |          |          |           |          | - 1      |
| i L         | [E       |  |          |              | ļ  | İ  |  |                 | l            |          | 1        | =        | ÖriĞ     |          |                 |           |          |          |          |          |          |     | ίĒ       | )riç       |  |  |           |          |          |          |           |          | - 1      |
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| 1           | 1        |  |          |              |  |  |  |                 |              |          |          |          | 51       |          |                 |           |          |          |          |          |          | ]   |          | 101        |  |  |           |          |          |          |           |          |          |
|             | 2        |  |          |              |  |  |  |                 |              |          |          |          | 52       |          |                 |           |          |          | $\Box$   |          |          | ]   |          | 102        |  |  |           |          |          |          |           |          |          |
| 2           | 3        |  |          |              |  |  |  |                 | Ľ            |          |          |          | 53       |          |                 |           |          |          | $\bot$   |          |          | ]   |          | 103        |  |  |           |          |          |          | $ \bot $  | $\sqcup$ | _        |
| 3           | 4        |  |          |              |  |  |  |                 |              |          |          |          | 54       |          |                 |           |          |          |          | $\perp$  | 1        | ]   |          | 104        |  |  |           |          |          |          |           |          |          |
| 4           | 5        |  |          |              |  |  |  |                 |              |          |          |          | 55       |          |                 |           |          |          |          |          | $\perp$  | ] . |          | 105        |  |  |           |          |          |          | $\Box$    | $\Box$   |          |
| 5           | 6        |  |          |              |  |  |  | L               | L            | Ш        |          | _        | 56       | Ц        |                 | _         |          | _        |          | _        |          |     |          | 106        |  |  |           |          |          |          | _         | _        | _        |
|             | 7        |  |          |              | <u> </u>   | _  |  | L               |              | Ш        |          | _        | 57       |          | _               |           | _        | _        | $\dashv$ | _        |          | 1   | ļ        | 107        |  |  |           |          | _        |          | $\dashv$  | _        | _        |
| <u></u>     | 8        | L  |          |              |  | <u> </u>   |  | _               | L            | Ш        | _        | _        | 58       |          |                 | _         | _        |          | 4        | _        |          | 1   |          | 108        |  | Ш  |           |          | _        |          | $\dashv$  | _        | _        |
| L           | g        |  |          |              |  | L  | _  | ┖               | ┖            | Ш        | _        | _        | 59       |          | _               | _         | $\dashv$ | _        | 4        | 4        | _        | 1   |          | 109        |  |  |           |          | _        |          | $\dashv$  | _        | _        |
|             | 10       |  |          |              |  | L  | L.   | $oxed{igspace}$ | L            | Ш        | L        | _        | 60       |          | _               | _         | _        | _        | 4        | _        |          | 1   |          | 110        | Щ  |  |           | $\dashv$ | _        |          |           |          | _        |
|             | 1        |  | Ш        |              | <u> </u>   | _  | _  | _               | ↓_           | Ш        | _        | 4        | 61       | Ш        | _               |           |          |          |          | _        |          | 1   | <u> </u> | 111        | Ш  |  |           |          |          |          | $\dashv$  | _        | $\dashv$ |
|             | 12       | L.,  | Ш        |              | <u> </u>   | 乚  | <u>L</u>   | <u> </u>        | $\perp$      | Ш        | _        | _        | 62       |          | _               |           | _        | $\dashv$ | 4        | 4        |          | 4   | <u></u>  | 112        | Ш  | Щ  |           | $\dashv$ | _        |          |           | _        | ᅴ        |
|             | 13       | <u> </u>   | Ш        |              | <u> </u>   | _  | <b> </b> _                                       | $\vdash$        | ↓_           | Ш        | _        | _        | 63       |          |                 |           | _        | _        | 4        | 4        |          | 1   | ļ        | 113        | Щ  | Щ  |           | $\sqcup$ | _        | ·        |           | 4        | $\dashv$ |
| <u> </u>    | 14       | L  | Щ        |              | <u> </u>   | _  | <u> </u>   | <u> </u>        | ـــ          | Щ        | _        | $\dashv$ | 64       | $\sqcup$ |                 | _         |          | _        | $\dashv$ | 4        | ᆜ.       | 1   |          | 114        | Ш  |  |           | Ц        |          | <u></u>  |           | _        | _        |
|             | 15       | <u> </u>   |          | L            | <u> </u>   | <u> </u>   | _  | <b>Ļ</b> _      | <b> </b>     | Ш        | $\vdash$ | _        | 65       |          |                 |           | _        | _        | _        | $\dashv$ |          | 1   | <u></u>  | 115        | Ш  | $\square$  | $\square$ |          |          |          | $\dashv$  | _        | 4        |
|             | 16       | <u> </u>   | Ш        |              | ⊢-   | <u> </u>   | <u> </u>   | <u> </u>        | <b> </b>     | Ш        | L        | 4        | 66       |          | _               | _         | _        | _        | _        | _        |          | -   | <u> </u> | 116        | Щ  | Щ  |           | $\Box$   | $\dashv$ |          | $\dashv$  |          | _        |
|             | 17       | <u> </u>   | $\sqcup$ |              | <u> </u>   | _  | <u> </u>   | <del> </del>    | <del> </del> | Ш        | L        | _        | 67       | Щ        | _               |           | _        | _        | _        | $\dashv$ | +        | 1   | <u></u>  | 117        | Щ  | Щ  |           | $\Box$   | _        |          |           | _        | _        |
|             | 18       | <u> </u>   |          |              | ļ  | <u> </u>   |  | <u> </u>        | _            | Ш        | $\perp$  | _        | 68       |          |                 |           | _        | _        | _        | -        |          | -   | ļ        | 118        |  |  |           | _        |          |          | _         |          | _        |
|             | 19       | L_   |          |              | L  | <u> </u>   | _  | <u> </u>        | <b> </b>     | Ш        | $\vdash$ | _        | 69       | $\Box$   | _               | $\square$ | _        |          | 4        | 4        | -        | -   | <u> </u> | 119        |  |  |           | _        |          |          | $\dashv$  | $\dashv$ | _        |
|             | 20       | L  |          |              | L  | ļ  | <u> </u>   | _               | ┡            | Ш        | <u> </u> | _        | 70       | Щ        | _               |           |          | _        | _        | -        | _        | -   | <u> </u> | 120        | Ш  |  |           | _        | -        |          | $\dashv$  | -        |          |
|             | 21       | <u> </u>   |          |              | <u> </u>   | <u> </u>   | _  | <u> </u>        | <u> </u>     | Ш        | $\vdash$ | _        | 71       |          |                 |           | _        | _        | -        | $\dashv$ | -        | -   |          | 121        |  | _  |           | _        |          |          | 4         |          |          |
| <u> </u>    | 22       | <u> </u>   | <u> </u> |              | <u> </u>   | <u> </u>   | _  | ┞               | <u> </u>     | Ш        | $\vdash$ | _        | 72       |          |                 | Щ         |          | _        | $\dashv$ | 4        |          | -   | <u> </u> | 122        | _  | _  |           | _        | _        | Щ        | $\dashv$  | -        | _        |
|             | 23       | -  |          |              | ļ  | ┡  | Ь  | _               | <u> </u>     | Ш        | $\vdash$ | -        | 73       |          |                 |           |          |          | 4        | 4        | +-       | -   | <u> </u> | 123        | $\vdash$   | _  |           | _        | _        | Ш        | $\dashv$  | $\dashv$ | _        |
|             | 24       | ┡  | <u> </u> |              | <u> </u>   | ┡  | <u> </u>   | 1               | ┞-           | Ы        | _        | _        | 74       |          | -               |           |          | -        | -        | $\dashv$ |          | -   |          | 124        | $\vdash$   | _  |           | -        |          |          | $\dashv$  |          |          |
|             | 25       | _  | _        |              | <u> </u>   | <u> </u>   | <u> </u>   | —               |              | Н        | $\vdash$ | -        | 75       | Н        |                 | -         | -        |          | $\dashv$ | 4        |          | -   | -        | 125        | Н  | ,  |           |          |          |          | $\dashv$  |          | _        |
|             | 26       | _  |          |              | _  | ┡  | ┡  | ₩.              | <u> </u>     | Ш        | <u> </u> |          | 76       | Н        | $\dashv$        | _         |          |          | -        | $\dashv$ |          | -   | <u> </u> | 126        | H  |  |           | _        | _        | Ш        |           |          | _        |
|             | 27       | _  | <u> </u> |              | <u> </u>   | ⊢  | ├-   | ├               | ├            | Н        | <u> </u> | -        | 77<br>78 | Н        | -               | -         |          | $\dashv$ | $\dashv$ | $\dashv$ |          | -   | <u> </u> | 127<br>128 | H  | _  | _         | Н        | -        |          | $\dashv$  | $\dashv$ | $\dashv$ |
| <u> </u>    | 28       |  | _        |              | <u> </u>   | ┝  | ├-   |                 | ₩            | Н        | _        | -+       |          | H        |                 | -         | -        | $\dashv$ | -+       | -+       |          | ┨   | <u> </u> | 129        | <u> </u>   | Н  | _         | $\vdash$ | -        |          | $\dashv$  | $\dashv$ | $\dashv$ |
|             | 29       | -  | <u> </u> |              | $\vdash$   | -  | -  | ├               | 1            | Н        | $\vdash$ | $\dashv$ | 79       | $\vdash$ | $\dashv$        | $\dashv$  | -        |          | +        | $\dashv$ |          | ┨   | <u> </u> | 130        | -  | _  |           | _        |          |          |           | $\dashv$ | $\dashv$ |
|             | 30       | -  |          |              | <u> </u>   | ├-   | ⊢  | ├—              | 1-           | Н        | $\vdash$ | -        | 80       | $\vdash$ | $\dashv$        |           | -        |          | $\dashv$ | +        |          | ┨   | ⊢        | 131        | H  | _  |           |          | -        |          |           | $\dashv$ | $\dashv$ |
|             | 32       | -  | -        |              | ┞  | ┝  | ⊢  | ├               | ╁            | Н        | ⊢        | -+       | 81<br>82 | Н        |                 | -         | $\dashv$ | $\dashv$ | +        | $\dashv$ | -        | ┨   |          | 132        |  | -  | _         |          | _        |          | $\dashv$  | $\dashv$ | ᅱ        |
|             | 33       | -  | ├-       | _            | ⊢  | ├-   | ├  | -               | ┼            | Н        | -        | $\dashv$ | 83       | Н        | $\dashv$        | -         | $\dashv$ |          | +        | -+       |          | ┨   | -        | 133        | <del> </del> -                                   | <u> </u>   | -         |          |          | _        | $\dashv$  | $\dashv$ | $\dashv$ |
| <u> </u>    | 34       | -  |          |              | -  | $\vdash$   | $\vdash$   | ├               | ┼            | Н        | -        | $\dashv$ | 84       | $\vdash$ | $\dashv$        | $\dashv$  |          |          | $\dashv$ | $\dashv$ | $\dashv$ | ┨   | $\vdash$ | 134        | -  | <del>                                     </del> | $\vdash$  | $\vdash$ | $\vdash$ | -        | $\dashv$  | $\dashv$ | $\dashv$ |
|             | 35       | ├  | -        | —            | $\vdash$   | ├  | $\vdash$   | $\vdash$        | +-           | Н        | $\vdash$ | $\dashv$ | 85       |          | -               | $\dashv$  | $\dashv$ | $\dashv$ | +        | $\dashv$ | +        | 1   | $\vdash$ | 135        | $\vdash$   | $\vdash$   | -         | $\vdash$ | $\vdash$ |          | $\dashv$  |          | $\dashv$ |
| <del></del> | 36       | -  | $\vdash$ | -            | -  | ╁╾   | $\vdash$   | ╁               | +            | $\vdash$ | -        | +        | 86       | $\vdash$ | $\dashv$        | $\vdash$  | $\dashv$ |          | $\dashv$ | -+       |          | 1   | <b>—</b> | 136        | H  | -  | -         | $\vdash$ | -        | $\vdash$ | $\dashv$  | -        | $\dashv$ |
|             | 37       | ⊢  | -        | _            | <del> </del> —                                   | ╁  | +-   | ╁               | 1            | H        | -        |          | 87       | Н        | $\dashv$        | $\vdash$  |          |          | $\dashv$ | $\dashv$ | +        | 1   | <b>-</b> | 137        | -  | $\vdash$   | -         | $\dashv$ | H        |          | $\dashv$  | $\dashv$ | $\dashv$ |
| -           | 38       | -  |          | -            | -  | <del>  -  </del>                                 | <del>  -</del>                                   | ╁               | +            | $\vdash$ | -        |          | 88       | Н        | $\vdash$        | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | +        | +        | 1   | <b></b>  | 138        | <del>                                     </del> | $\vdash$   | $\vdash$  |          |          | $\vdash$ | $\dashv$  | -        | $\dashv$ |
| $\vdash$    | 39       |  |          | -            | -  | $\vdash$   | ╁  | ╁╌              | +-           | -        | -        | -        | 89       | Н        | $\dashv$        | -         | -        | $\dashv$ | $\dashv$ | $\dashv$ | +        | 1   |          | 139        | -  | _  | $\vdash$  | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$  | $\dashv$ | ᅱ        |
| <del></del> | 40       | -  | -        | $\vdash$     | $\vdash$   | $\vdash$   | ├-   | $\vdash$        | +            | $\vdash$ | -        | $\dashv$ | 90       | Н        |                 | $\vdash$  |          |          | $\dashv$ | $\dashv$ |          | 1   | <u> </u> | 140        | -  | -  | $\vdash$  | $\vdash$ | Н        | -        | $\dashv$  | $\dashv$ | $\dashv$ |
|             | 41       | $\vdash$   |          | -            | -  | <del>                                     </del> | $\vdash$   | <del> </del>    | +-           | $\vdash$ | $\vdash$ | $\dashv$ | 91       | Н        | $\dashv$        | -         | -        |          | $\dashv$ | $\dashv$ | +        | 1   |          | 141        |  | -  | _         | $\vdash$ | =        |          | $\sqcap$  | $\dashv$ | $\dashv$ |
|             | 42       | -  |          |              | $\vdash$   | $\vdash$   | <del> </del>                                     | ╁╌              | +            | H        | -        | $\dashv$ | 92       | $\vdash$ | $\dashv$        | Н         |          |          | -+       | +        | $\dashv$ | 1   |          | 142        | -  | $\vdash$   | $\vdash$  | $\vdash$ | -        | Н        | $\neg +$  | $\dashv$ | $\dashv$ |
| $\vdash$    | 43       | $\vdash$   | -        | -            | -  | -  | $\vdash$   | $\vdash$        | ╁            | $\vdash$ | $\vdash$ | $\dashv$ | 93       | Н        | -               | $\vdash$  | $\dashv$ |          | $\dashv$ | $\dashv$ | +        | 1   |          | 143        | -  | $\vdash$   |           | Н        |          | -        | $\vdash$  | $\dashv$ | $\dashv$ |
| $\vdash$    | 44       | -  | -        | -            | $\vdash$   |  | $\vdash$   | 1-              | +-           | $\vdash$ | -        | $\dashv$ | 94       | Н        |                 | $\vdash$  |          |          | +        | $\dashv$ | +        | 1   |          | 144        |  | $\vdash$   |           | Н        |          | -        | $\dashv$  | $\dashv$ | $\dashv$ |
| -           | 45       | $\vdash$   | $\vdash$ |              | <del>                                     </del> | 1  | +  | +-              | $\vdash$     | H        | $\vdash$ | $\dashv$ | 95       | Н        | $\vdash \vdash$ | Н         |          | $\dashv$ | +        | $\dashv$ | +        | 1   | $\vdash$ | 145        |  | $\vdash$   |           | Н        | $\dashv$ | $\vdash$ | $\sqcap$  | $\dashv$ | $\dashv$ |
|             | 46       | <del>                                     </del> | <u> </u> |              |  | +  | $\vdash$   | +               | +            | H        | $\vdash$ | -        | 96       | Н        | $\vdash$        | $\vdash$  | $\dashv$ |          | +        | +        | +        | 1   | -        | 146        |  | $\vdash$   |           | Н        | H        | Н        | $\sqcap$  | $\dashv$ | $\dashv$ |
| -           | 47       | <del>                                     </del> |          | <del>-</del> | $\vdash$   | $\vdash$   | <del>                                     </del> | $\vdash$        | 1            | $\vdash$ | $\vdash$ | -        | 97       | Н        | $\dashv$        |           |          | -        | -+       | $\dashv$ | +        | 1   | <u> </u> | 147        |  | -  |           | Н        | Н        | -        | $\square$ | $\dashv$ | $\dashv$ |
| -           | 48       |  | ┥        |              | $\vdash$   | $\vdash$   | +-   | +               | +            | H        | -        | $\dashv$ | 98       | H        | H               |           |          | $\dashv$ | +        | $\dashv$ |          | 1   | -        | 148        | $\vdash$   |  | $\vdash$  | H        | -        | $\vdash$ |           | $\dashv$ | $\dashv$ |
| <b></b>     | 49       | $\vdash$   | $\vdash$ | -            | 1  | $\vdash$   | $t^-$  | t               | $\vdash$     | H        | $\vdash$ | $\dashv$ | 99       | Н        | $\vdash$        | $\vdash$  | -        | -        | $\dashv$ | $\dashv$ | $\top$   | 1   | <b> </b> | 149        |  |  | П         | $\vdash$ |          | _        |           | $\dashv$ | $\dashv$ |
|             | 50       | 1  | -        | -            | $\vdash$   | $\vdash$   | t  | +-              | +            | H        | $\vdash$ | $\dashv$ | 100      | Н        | Н               | Н         | -        | $\dashv$ | +        | $\dashv$ | +        | 1   |          | 150        | $\vdash$   |  |           |          | $\vdash$ | $\vdash$ | $\vdash$  | -        | $\dashv$ |
| L           | 1.00     | Ь  | 1        |              | Ь_   | ــــ   | Ц  | 1               | 1            |          | <u> </u> |          | .00      |          | لــــا          | Ь         |          |          |          |          |          | ı   | Ь        |            |  | L  | Ц         | L        |          |          |           | 1        |          |